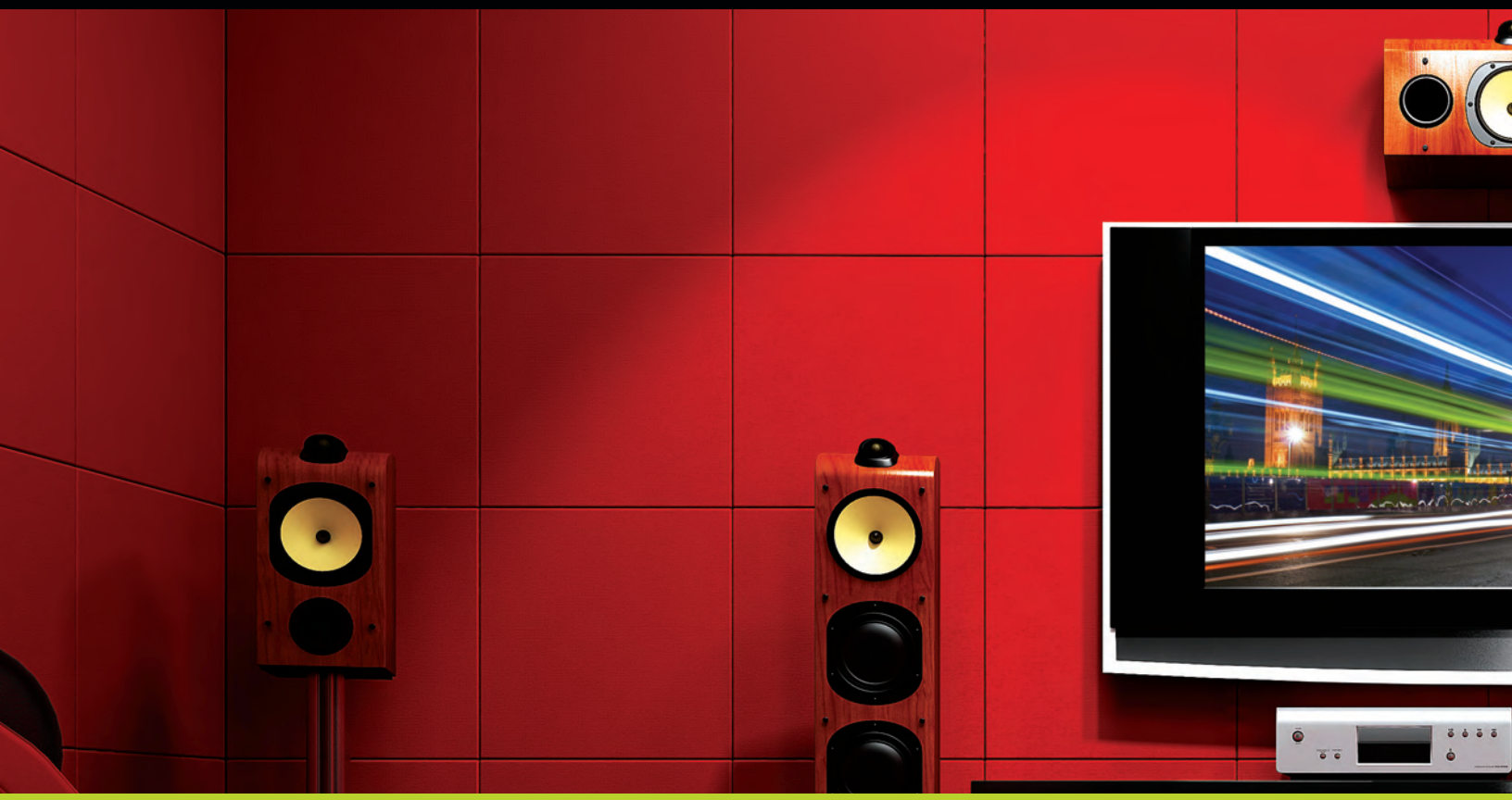
AVIOR™

2012 Catalog

Powered by IOGEAR®

AVIOR™



The AVIOR Series is a comprehensive product suite that enables convergence through connectivity in todays digital homes, custom installs and specialty resellers.

The AVIOR Series includes a collection of switchers, splitters, matrix, and wireless solutions which easily connect and distribute a multitude of home entertainment devices. The growing significance to deliver standard definition, high definition and 3D content and the need for problem-solvers that distribute, extend and connect multimedia content in the form of wired or wireless is ever so prevalent. AVIOR is the essential stop for maximizing any digital video environment, regardless of scope and stature.

CONTENTS

04 **Wireless Solutions**

08 **Switchers & Splitters**

14 **Extenders, Adapters & Accessories**

18 **IOGEAR Solutions**

Corporate Events

House of Worship

Digital Signage

Home Entertainment

Wireless Solutions

Wireless technologies have been around for years and demands for wireless A/V have rapidly grown in parallel. Recent developments have brought robust wireless solutions for HD audio and video distribution with the ability to wirelessly stream HD content anywhere from 30 feet (line-of-sight) on up to 100 feet through walls and multi-room set-ups. What has been long awaited is finally reality. This new reality opens a new window of opportunities for designers, decorators and installer offerings.

Design and customize any space by offering the ability to wirelessly transmit Full HD 1080p video and digital audio from Blu-ray / DVD players, DVR / Set-top boxes, home computers and media servers to HD TVs or projectors wirelessly. It is a must-have for any new install or retrofit job for today's digital home or commercial set-up.

GWAV8141K

Wireless HD Kit

HD 1080p

HDMI HIGH-DEFINITION MULTIMEDIA INTERFACE

CustomRetailer EXCITE AWARD WINNER 2011

FINALIST CEDIA 2010 *Electronic Lifestyles* Best New Product

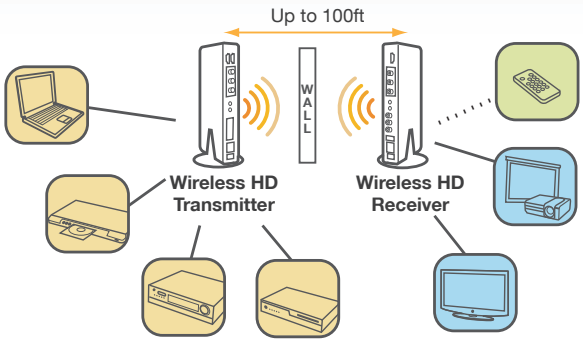
Features

- Wireless HD audio / video streaming up to 100ft away
- HDCP Compliant
- Supports Full HD 1080p 60Hz and 5.1 channel digital audio
- Video Resolutions: 480i/p, 720p, 1080i and 1080p (24/30/60fps)
- Multiple Inputs / Outputs to maximize convenience:
  - Inputs: 2 x HDMI, 1 x Composite, 1 x VGA or 1 x Component*
  - Outputs: 1 x HDMI, 1 x Composite, and 1 x Component
- Connect and wirelessly transmit content from your Blu-ray / DVD player, DVR / Set-top box, VCR, Computer, or Media Server / Home Theater PC
- Keep home theater electronic devices neatly out of sight
- Broadcast up to 4 Wireless HD Receivers**
- Versatility for use with HD and non-HD devices and HD or non-HD TVs / projectors
- The Wireless HD Receiver's built-in IR allows the user control over their source devices that are hidden away in a different location
- No software or driver installation needed

*Via VGA to Component Adapter
**Additional Wireless HD Receivers sold separately - Part # GWAV8101R

The GWIR8101 is used with the GWAV8141K or the GWAV8101R to allow the receiver's to be placed out of sight with just the IR bud showing. Sold separately.

Diagram



Specifications

Model	GWAV8141K / GWAV8101R**
Connectors	
Video Input	2 x HDMI, 1 x Composite, 1 x VGA
Video Output	1 x HDMI, 1 x Composite, 1 x YPbPr Component
LAN	1 x LAN Port (Transmitter and Receiver)
Power	1 x Power Jack (Transmitter and Receiver)
USB	1 x USB Type A Female
Audio Input	1 x 3.5mm Audio Jack (Transmitter)
Audio Output	1 x 3.5mm Audio Jack (Receiver)
Video Resolution	
	480i/p, 720p, 1080i and 1080p (24/30/60fps)
Video Streaming	
	<30ms Latency
Frequency	
	5.15~5.25GHz
LAN Connection	
	10/100 Base
Range	
	100ft (30m)
Broadcast	
	1 Transmitter to 4 Receivers**
Security	
	802.1x, 802.11i, WPA2, WPA and WEP 64/128 TKIP AES

Model	GWAV8141K / GWAV8101R**
Antenna Type	
	2 x Internal Antenna (Transmitter and Receiver)
LEDs	
Port ID	4 x LED on Transmitter; 3 x LED on Receiver
Power On	1 x LED (Transmitter and Receiver)
Link	1 x LED (Transmitter and Receiver)
Power	
Voltage	12VDC
Amps	2A
Housing	
Case	Plastic
Unit Dimensions	
Width	1.25in
Height	7.625in
Depth	4.5in

Model	GWIR8101 (Sold Separately)
Cable	
Type	3.5mm IR Extension
Connectors	3.5mm Mono Plug
Length	5ft

GWAV8200K

Wireless 1080p Computer to HDTV Kit

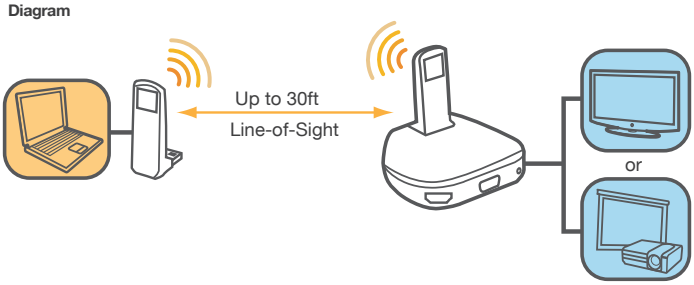
Features

- Enjoy Your Content Wirelessly - Get home videos, photos, presentations, online videos and social networking all on your big screen TV up to 30ft away*
- HDMI / VGA Output - Use HDMI or VGA / DVI** with 3.5mm audio jack (stereo) for a flexible A/V set-up
- Wireless HD Video - Get 1080p video streaming up to 30ft*
- Still image resolution - Up to 1920x1080
- Eliminate Cable Clutter - Wirelessly connect your computer*** to an HD TV****, monitor or projector without the long and unattractive cable run
- Certified Wireless USB - Works with your computer's USB port- No HDMI port needed on computer
- Ideal for - Home, traveling, office, conference rooms, presentations and more!

*This product is an in room line-of-sight solution
**DVI adapter sold separately (IOGEAR part number "GDVIMVGAF")
***Minimum operating requirements are 1.86GHz / recommended 2.4GHz
****This item is not compatible with traditional CRT TVs

720p version (GWAVKIT2) available through the IOGEAR product line. See page 18.

Diagram



Specifications

Model	GWAV8200K
Audio	
Audio Output	2 CH DAC output
Dynamic Range	95db, THD+N -85db ~ -91db
Sample Rate	8KHz, 16KHz, 44.1KHz, to 48KHz with 16-bit resolution
Antenna Type	
	Omni directional
Video Resolution	
	Up to UXGA 1600x1200 or WSXGA+ 1680x1050
Video Streaming	
	Up to 1080p
Color Depth	
	32-bit true color
Interface	
	Audio: 3.5mm TRS audio connector ; Video: VGA female connector
Frequency Band	
	3.1GHz ~ 4.8GHz (WiMedia Band Group 1)
Number of Channels	
	7 Channels (3 FFI + 4 TFI)
Operating Range	
	Up to 30ft (10m)

Model	GWAV8200K
Operating System Support	
	Microsoft XP 32-bit; Vista 32/64-bit
PHY Data Rate	
	53.3Mbps, 80Mbps, 106.6Mbps, 160Mbps, 200Mbps, 320Mbps, 400Mbps, 480Mbps
RF Modulation Type	
	QPSK/DCM
Security	
	Highly secured wireless connection (AES 128-bit)
USB Specification	
	Certified Wireless USB 1.0; Certified USB 2.0
Power Supply	
	Power Adapter: 5V, 2Ah; 100-240VAC
Environment	
Humidity	10-95% RH, Non-condensing
Operation Temperature	0°C ~ 50°C
Storage Temperature	0°C ~ 75°C
Unit Dimensions	
Width	Base: 5.75in, Receiver: 0.75in, Transmitter: 0.75in
Height	Base: 3in, Receiver: 2.75in, Transmitter: 2.5in
Depth	Base: 1in, Receiver: 0.5in, Transmitter: 0.5in

GWN8010K

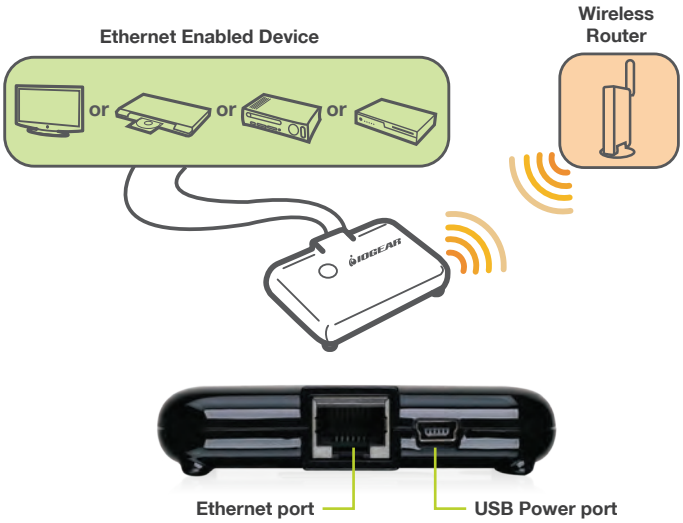
Universal Wi-Fi Adapter (4 pack)

Features

- Add Hi-Speed 802.11n Internet access to any Ethernet enabled device such as a HDTV, Blu-ray player, A/V Receiver, DVR, Set-top box, game console or media PC
- Wi-Fi N technology improves effective throughput and range over existing 802.11b/g products
- Compatible network standards: IEEE 802.11n (up to 150Mbps) IEEE 802.11g (up to 54Mbps) IEEE 802.11b (up to 11Mbps)
- Push-button Wi-Fi Protected Setup™ (WPS) simplifies secure and easy wireless configuration
- WEP, TKIP, AES, WPA and WPS2 hardware encryption schemes
- Convenient LED status indicators
- Avoid long stringing cable and enjoy the freedom to place your home entertainment center anywhere and still connect to the Internet
- Option to power by USB port means no exposed wire hanging from the TV

Single version (GWU627) available through the IOGEAR product line. See page 18.

Diagram

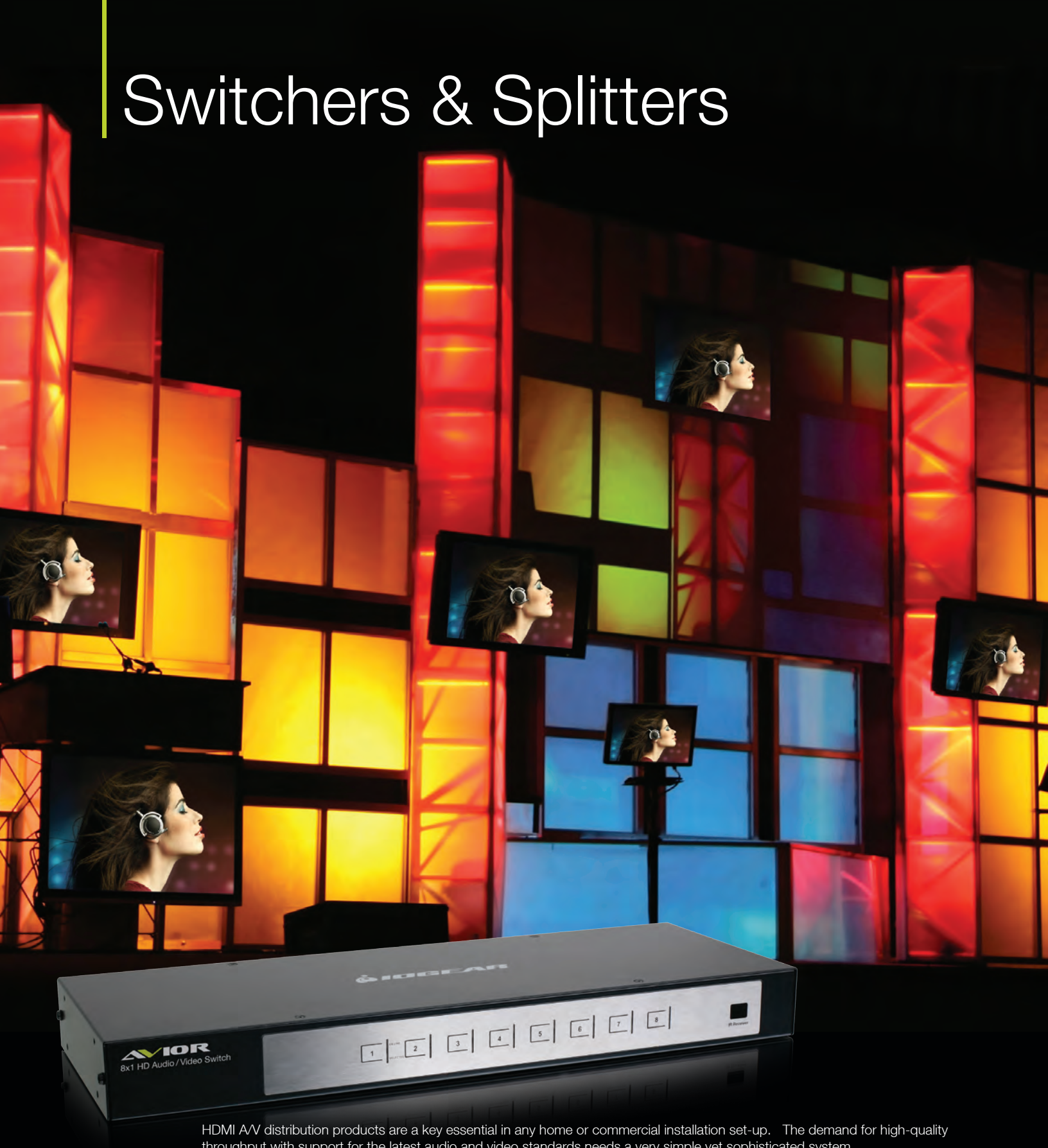


Specifications

Model	GWN8010K
Power Consumption	
	Transmit : < 380mA. ; Receive: < 250mA.
Operating Temperature	
	0°C ~ 50°C
Storage Temperature	
	-10°C ~ 70°C
USB Specification	
	USB 2.0
Humidity	
	5 ~ 90% (non-condensing)
Transmission Power	
	17 dBm
Frequency Band	
	2.4GHz ~ 2.483GHz unlicensed ISM band
Modulation	
	IEEE 802.11n: BPSK, QPSK, 16-QAM, 64-QAM
Data Rate	
	IEEE 802.11n : 6, 9, 12, 18, 24, 36, 48, 54, 60, 90, 120, 180, 240, 270 and up to 300Mbps
Interface	
	USB 2.0

Model	GWN8010K
Security	
	64-bit or 128-bit WEP/WPA TKIP
Management	
	Windows-based Utility
Operating Range	
	100 - 400m, depending on surrounding environment
Encryption	
	64 bit/128 bit WEP, TKIP, AES
Antenna Type	
	On board chip antenna
Range	
	Up to 320ft
Unit Dimensions	
Width	2 7/8in
Height	5/8in
Depth	2in

Switchers & Splitters



HDMI A/V distribution products are a key essential in any home or commercial installation set-up. The demand for high-quality throughput with support for the latest audio and video standards needs a very simple yet sophisticated system.

Switchers: Consolidate and manage an A/V system with many sources in a centralized location. Whether switching content to one main display or matrix switching between 4 or 8 displays, it is possible to distribute High Definition (HD) and 3D content in a streamlined way.

Splitters: Also known as video distribution amplifiers, splitters cater to the need of multiplying a single source and distributing (splitting) it across multiple displays; be it 2, 4 or 8 High Definition displays or projectors. Manage the distribution of a single source of content and custom design the placement of displays. Many special events, tradeshows, commercial and house of worship locations are in need of the distributing specific content to specific locations throughout their environment or facility.

GHSW8141 / GHSW8181

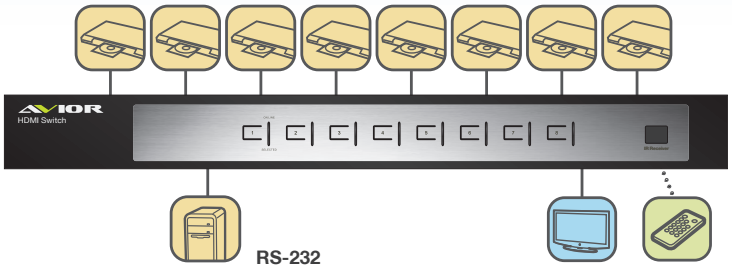
4/8-Port HD Audio/Video Switch with RS-232 Support

Features

- Switch between 4/8 HDMI devices to 1 HDTV
- Works with DVR / Set-top boxes, Blu-ray / DVD players, video game consoles, media servers, computers, and many more
- Full 3D support
- Superior Resolution
  - HDTV: 480p, 720p, 1080i, and 1080p resolution
- Supports 12-bit Deep Color
- Supports Dolby® True HD and DTS® HD Master Audio
- Serial RS-232 bi-directional control port for high-end system control
- Switch between devices via front-panel pushbutton or IR remote
- Front-panel LED for port and power status
- HDCP Compliant
- Backwards compatible with DVI devices with HDMI to DVI adapter*

*Via HDMI (F) to DVI (M) Adapter - Part No. GHDFDVIMW6

Diagram



GHSW8141

GHSW8181

Specifications

Model	GHSW8141	GHSW8181
Video Connections		
Input	4 x Female HDMI Type A 19 Pin	8 x Female HDMI Type A 19 Pin
Output	1 x Female HDMI Type A 19 Pin	1 x Female HDMI Type A 19 Pin
Connectors		
RS-232	DB-9 Female	DB-9 Female
Switches		
Port Selection	4 x Pushbutton, IR Remote, RS-232	8 x Pushbutton, IR Remote, RS-232
LEDs		
Power On	1	1
Input	4	8
Port Status	4	8
Video Resolution		
Resolution	480i, 480p, 720p, 1080i, 1080p, 3D	480i, 480p, 720p, 1080i, 1080p, 3D
Environment		
Operation Temperature	0°C ~ 50°C	0°C ~ 50°C
Storage Temperature	-20°C ~ 60°C	-20°C ~ 60°C
Humidity	0-80% RH (Non Condensing)	0-80% RH (Non Condensing)

Model	GHSW8141	GHSW8181
Power		
Voltage	DC 5V	DC 5V
Amps	1A	1A
Power Consumption		
Watts	3 Watts (max)	3 Watts (max)
Housing		
Case	Metal	Metal
Unit Dimensions		
Width	8in	17in
Height	1in	2.18in
Depth	3in	6.24in

GHSP8112 / GHSP8114 / GHSP8118

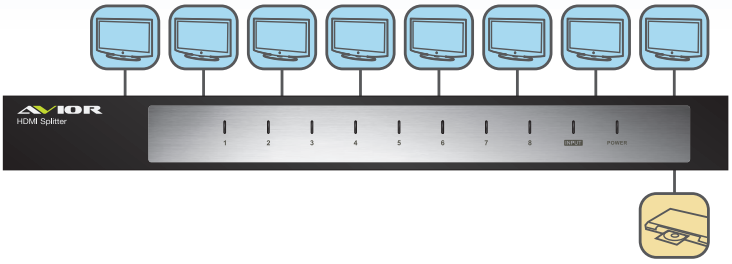
2/4/8-Port HD Audio/Video Splitter

Features

- Distribute a single HD media source up to 2/4/8 HDMI displays
- Works with DVR / Set-top boxes, Blu-ray / DVD players, video game consoles, media servers, computers, and many more
- Full 3D Support
- Supports high-resolution video
  - HDTV resolution of 480p, 720p, 1080i and 1080p
- Auto-detects the highest common resolution of connected displays*
- Supports 12-bit Deep Color
- Cascadable**
- LED indication of displays
- HDCP Compliant
- Backward compatible with DVI devices with HDMI to DVI adapter***

*Note: For HD media sources that support auto video resolution scaling
**HDCP Limitation While Cascading:
If your media content is HDCP enabled, the splitters will only support up to the maximum HDCP keys that are available (127 keys). In other words, with HDCP enabled content, the splitters can support up to 127 displays. If your media content is not HDCP enabled, then the splitters can support the full three-level cascade (512 displays).
***Via HD (F) to DVI (M) Adapter - IOGEAR Part No. GHDFDVIMW6

Diagram



Specifications

Model	GHSP8112	GHSP8114	GHSP8118
Video Connections			
Input	1 x Female HDMI Type A 19 Pin	1 x Female HDMI Type A 19 Pin	1 x Female HDMI Type A 19 Pin
Output	2 x Female HDMI Type A 19 Pin	4 x Female HDMI Type A 19 Pin	8 x Female HDMI Type A 19 Pin
LEDs			
Power On	1	1	1
Input	1	1	1
Port Status	2	4	8
Video Resolution			
	480i, 480p, 720p, 1080i, 1080p, 3D	480i, 480p, 720p, 1080i, 1080p, 3D	480i, 480p, 720p, 1080i, 1080p, 3D
Environment			
Operation Temperature	32°F ~ 122°F (0°C ~ 50°C)	32°F ~ 122°F (0°C ~ 50°C)	32°F ~ 122°F (0°C ~ 50°C)
Humidity	0-80% RH (Non Condensing)	0-80% RH (Non Condensing)	0-80% RH (Non Condensing)
Storage Temperature	-4°F ~ 140°F (-20°C ~ 60°C)	-4°F ~ 140°F (-20°C ~ 60°C)	-4°F ~ 140°F (-20°C ~ 60°C)

Model	GHSP8112	GHSP8114	GHSP8118
Power			
Voltage	DC 5V	DC 5V	DC 5V
Amps	2A	2A	2A
Power Consumption			
Watts	3 Watts (max)	3 Watts (max)	12 Watts (max)
Housing			
Case	Metal	Metal	Metal
Unit Dimensions			
Width	4.94in	7.85in	17in
Height	1 in	1in	2.18in
Depth	3.2 in	3.2in	6.24in

GHSP8214E / GHSP8218E

4/8-Port HD Audio/Video Cat 5e/6 Splitter

GH8201ER

HD A/V Cat 5e/6 Receiver

Features

GHSP8214E / GHSP8218E

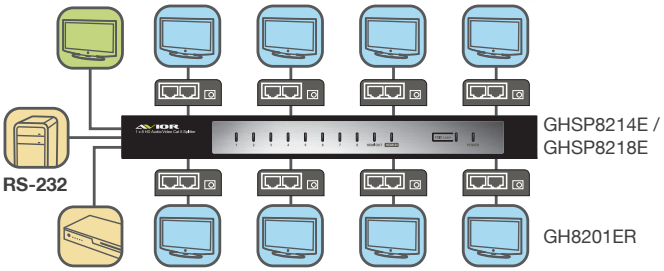
- Split and extend 1 HDMI source over 4/8 HDMI monitors* up to 200ft via CAT5e/6
- Keep your DVR / Set-top box, Blu-ray player or computer out of sight and place your HD monitors up to 200ft away
- High resolution support
  Up to 1080p for 130ft* / Up to 1080i for 200ft*
- Supports 3D
- Provides local HDMI output for video preview
- Rack-mountable

*Part No: GH8201ER required per display and sold separately

GH8201ER

- Works with 4/8-Port HD Audio/Video Cat 5e/6 Splitter
- Extend your HDMI A/V signal through two Cat 5e/6 cables
- HDCP Compliant
- Video equalization can be adjusted manually

Diagram



GHSP8214E

GHSP8218E

GH8201ER - Front

GH8201ER - Back

Specifications

Model	GHSP8214E	GHSP8218E	GH8201ER
Video Connections			
Input	1 x Female HDMI Type A 19 Pin	1 x Female HDMI Type A 19 Pin	1 x Female HDMI Type A 19 Pin
Output	1 x Female HDMI Type A 19 Pin	1 x Female HDMI Type A 19 Pin	1 x Female HDMI Type A 19 Pin
Connectors			
TMDS	4 x RJ-45 Female	8 x RJ-45 Female	
DDC	4 x RJ-45 Female	8 x RJ-45 Female	
RS232	1 x DB-9 Female	1 x DB-9 Female	
Power	1 x DC Jack	1 x DC Jack	
Link			1 x Cat 5e/6
Switches			
EDID Mode	1 x 8 Position Switch	1 x 8 Position Switch	
EDID Learn Mode	1 x Push Button	1 x Push Button	
LEDs			
Power	1 (Green)	1 (Green)	1
HDMI In	1 (Green)	1 (Green)	
HDMI Out	1 (Green)	1 (Green)	
EDID Learn	1 (Green/Red)	1 (Green/Red)	
P1 ~ P4 Output	4 (Green)	8 (Green)	
Online			1

Model	GHSP8214E	GHSP8218E	GH8201ER
Video Resolution			
Resolution	1080p @ 40m, 1080i @ 60m	1080p @ 40m, 1080i @ 60m	480i, 480p, 720p, 1080i, 1080p, 3D
Cable Distance	60max	60max	Up to 330ft (100m)
Environment			
Operation Temperature	0°C ~ 50°C	0°C ~ 50°C	0°C ~ 50°C
Storage Temperature	-20°C ~ 60°C	-20°C ~ 60°C	-20°C ~ 60°C
Humidity	0-80% RH (Non Condensing)	0-80% RH (Non Condensing)	0 - 80% RH (Non Condensing)
Power			
Voltage	DC 5V	DC 5V	DC 5V
Amps	1.6A	2.6A	2A
Power Consumption			
Watts	8W	13W	3 Watts (max)
Housing			
Case	Metal	Metal	Metal
Unit Dimensions			
Width	17in	17in	2.25in
Height	1.73in	1.73in	1in
Depth	6.06in	6.06in	2.38in
Unit Weight	3.95lbs	4.63lbs	

GHSW8242

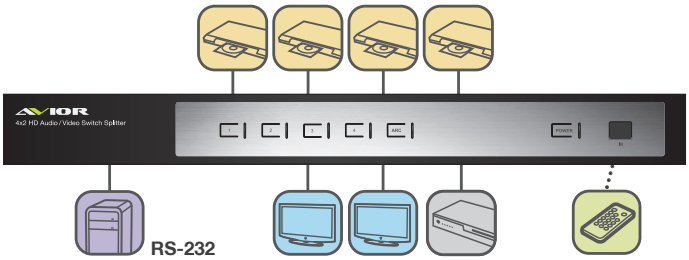
4x2 HD Audio/Video Switch Splitter with RS-232 Support

Features

- Switch between 4 HDMI devices and split it out to 2 HD TVs or Projectors
- Works with DVR / Set-top boxes, Blu-ray / DVD players, video game consoles, media servers, computers, and many more
- Full 3D support
- Superior Resolution
  - HDTV: 480p, 720p, 1080i, and 1080p resolution
- Supports ARC (Audio Return Channel)
- Separate digital audio out with TOSlink and Coaxial outputs
- Separate analog audio out with RCA output
- Supports Dolby True HD and DTS HD Master Audio
- Serial RS-232 bi-directional control port for high-end system control
- Switch between devices via front-panel pushbutton or IR remote
- Front-panel LED for port and power status
- HDCP Compliant
- Backwards compatible with DVI devices with HDMI to DVI adapter*

*Via HDMI (F) to DVI (M) Adapter - Part No. GHDFDVIMW6

Diagram



Specifications

Model	GHSW8242
Video Connections	
Input	4 x Female HDMI Type A 19 Pin
Output	2 x Female HDMI Type A 19 Pin
Audio	
Audio	2 x Digital (TOSlink & Coaxial; Support ARC) and 1 x Analog
Connectors	
RS-232	DB-9 Female
Switches	
Port Selection	5 x Pushbutton, IR Remote, RS-232
LEDs	
Power On	1
Input	4
Audio	ARC (On/Off)
Video Resolution	
	480i, 480p, 720p, 1080i, 1080p
Environment	
Operation Temperature	0°C ~ 50°C
Humidity	0 - 80% RH (Non Condensing)
Storage Temperature	-20°C ~ 60°C

Model	GHSW8242
Power	
Voltage	DC 5V
Amps	2A
Power Consumption	
Watts	12 Watts (max)
Housing	
Case	Metal
Unit Dimensions	
Width	17in
Height	2.18in
Depth	6.24in

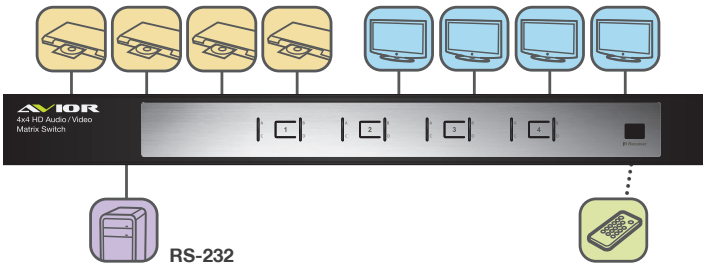
GHMS8044

4x4 HD Audio/Video Matrix Switch with RS-232

Features

- Switch between 4 different HDMI media sources among 4 different HD TVs or displays
- Full HD 1080p and 3D support
- Supports both crossing switching and mirror mode of connected HDMI devices
- Professional control via RS-232 port, IR remote and front panel pushbuttons
- HDCP Compliant
- Dolby® True HD and DTS® Master Audio Support
- Zero signal loss from source to display
- Front panel LEDs for easy monitoring
- Power LED and Active Port LED
- Includes Rack Mount kit

Diagram



Specifications

Model	GHMS8044
Video Connections	
Input	4 x Female HDMI Type A 19 Pin
Output	4 x Female HDMI Type A 19 Pin
Connectors	
RS-232	DB-9 Female
Switches	
Port Selection	4 x Pushbutton, IR Remote, RS-232
LEDs	
Power On	1
Input	4
Port Status	16
Video Resolution	
	480i, 480p, 720p, 1080i, 1080p, 3D
Environment	
Operation Temperature	0°C ~ 50°C
Humidity	0 - 80% RH (Non Condensing)
Storage Temperature	-20°C ~ 60°C

Model	GHMS8044
Power	
Voltage	DC 5V
Amps	2A
Power Consumption	
Watts	12 Watts (max)
Housing	
Case	Metal
Unit Dimensions	
Width	17in
Height	2.18in
Depth	6.24in

Extenders, Adapters & Accessories

Accompanying the world of splitters, switchers and matrix distribution are the ever so important needs for extending the reach of content, adapters for custom implementations, and accessories for integrating value added components to build complete solution offerings.

HDBaseT: Exceeding the previous limitation of standard Cat 5e/6 extenders for Full HD 1080p, HDBaseT utilizes a single Cat 5e/6 cable and gets you up to 330ft from source to display. It is optimized for home and commercial multimedia distribution cconverging uncompressed Full HD digital video, audio, 100BaseT Ethernet with a single RJ45 connector.

GH8311EK

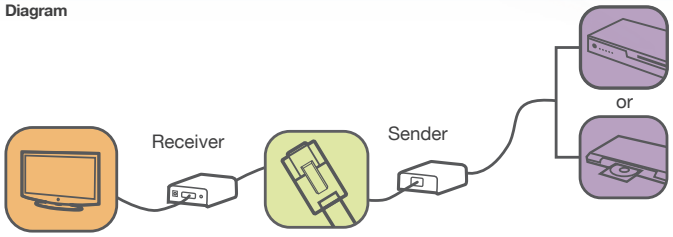
HDBaseT Audio/Video Extender with IR

Features

- Extend HD audio / video and IR signals through one CAT5e/6 cables
- Supports 3D
- Up to 330ft for 1080p resolution*
- HDCP Compliant
- Dolby TrueHD & DTS-HD Master Audio
- Video equalization can be adjusted manually to accommodate for distance
- Power LED and active signal LED for easy monitoring and troubleshooting
- Backwards compatible with DVI devices with HDMI to DVI adapter**
- Plug-n-Play; No software is needed
- Compact metal case

*Note: Extension range may vary with different devices and CAT5e/6 cables
**Via HDMI (F) to DVI (M) Adapter - Part No. GHDFDVIMW6

Diagram



Sender - Front

Sender - Back

Receiver - Front

Receiver - Back

Specifications

Model	GH8311EK
Video Connections	
Input	1 x Female HDMI Type A 19 Pin
Output	1 x Female HDMI Type A 19 Pin
Connectors	
Link	1 x Cat 5e/6
Cable	
	3.5mm Jack - IR extender
Cable Distance	
	Up to 330ft (100m)
LEDs	
Power On	1
Online	1
Video Resolution	
	480i, 480p, 720p, 1080i, 1080p, 3D
Environment	
Operation Temperature	0°C ~ 50°C
Humidity	0 - 80% RH (Non Condensing)
Storage Temperature	-20°C ~ 60°C

Model	GH8311EK
Power	
Voltage	DC 5V
Amps	2A
Power Consumption	
Watts	3 Watts (max)
Housing	
Case	Metal
Unit Dimensions	
Width	2.25in
Height	1in
Depth	2.38in

GH8211EK

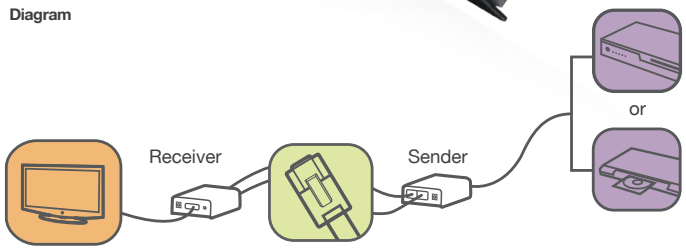
HD Audio/Video Extender with IR Control

Features

- Extend HD audio / video and IR signals through two CAT5e/6 cables
- Supports 3D
- Up to 130ft for 1080p resolution*
- Up to 200ft for 1080i resolution*
- HDCP Compliant
- Dolby TrueHD & DTS-HD Master Audio
- Video equalization can be adjusted manually to accommodate for distance
- Power LED and active signal LED for easy monitoring and troubleshooting
- Backwards compatible with DVI devices with HDMI to DVI adapter**

*Note: Extension range may vary with different devices and CAT5e/6 cables
**Via HDMI (F) to DVI (M) Adapter - Part No. GHDFDVIMW6

Diagram



Sender - Front

Sender - Back

Receiver - Front

Receiver - Back

Specifications

Model	GH8211EK
Video connections	
Input	1 x Female HDMI Type A 19 Pin
Output	1 x Female HDMI Type A 19 Pin
Connectors	
Link	2 x Cat 5e/6
Cable	
	3.5mm Jack - IR extender
Cable Distance	
	Up to 200ft (60m)
LEDs	
Power On	1
Online	1
Video Resolution	
	480i, 480p, 720p, 1080i, 1080p, 3D
Environment	
Operation Temperature	0°C ~ 50°C
Humidity	0 ~ 80% RH (Non Condensing)
Storage Temperature	-20°C ~ 60°C

Model	GH8211EK
Power	
Voltage	DC 6V
Amps	2A
Power Consumption	
Watts	3 Watts (max)
Housing	
Case	Metal
Unit Dimensions	
Width	2.25in
Height	1in
Depth	2.38in

GBKM8000K

Multi-Link Bluetooth Keyboard with Touchpad Plus Bluetooth Dongle

Bluetooth™

Features

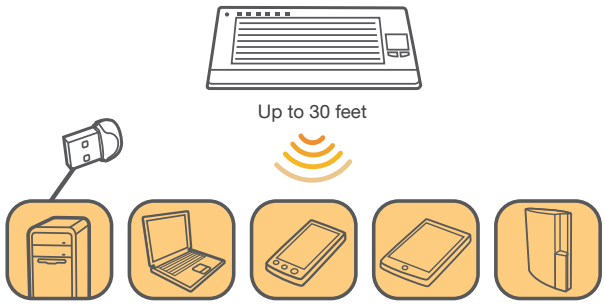
Bluetooth Keyboard

- Pair with up to 6 Bluetooth enabled devices and quickly switch between each other
- Bluetooth 2.0 technology offers greater range up to 30ft away from your device
- Integrated touchpad and left and right mouse buttons create a user friendly experience and eliminates the need for a separate mouse
- Integrated hotkeys let users quickly access to TV, Videos, Pictures, Music, Volume Control and more

Bluetooth Dongle

- Allows any computer with a USB port to become a Bluetooth enabled computer
- Ultra portable - tiny enough to stay with your laptop
- Bluetooth EDR (Enhanced Data Rate) - 3x faster than current Bluetooth (1.1 or 1.2) products; up to 2.1Mbps
- Supports A2DP stereo audio wireless streaming
- Up to 30ft maximum wireless range
- Backwards compatible with Bluetooth 1.1, 1.2 & 2.0

Diagram



Keyboard only (GKM611B) available through the IOGEAR product line. See page 19.

Specifications

Model	GBKM8000K
Console Connectors Keyboard	
	82 Keys (US Layout)
Frequency	
	2.4GHz
Frequency Band	
	2.402~2.480GHz unlicensed ISM band
LEDs	
Bluetooth	Device Pairing LED
Operating Range	
	Up to 30ft
Switches	
Power	On/Off Switch
Reset	Reset Button
Warranty	
	3-Year

Model	GBKM8000K
Interface	
	Bluetooth 2.0 (compliant withBluetooth 1.0)
Channels	
	79 Channels
Unit Dimensions	
Width	Keyboard: 15.875in; Dongle: 0.63in
Height	Keyboard: 1.00in; Dongle: 0.31in
Depth	Keyboard: 7.375in; Dongle: 0.79in

IOGEAR manufactures innovative Home Electronics and Information Technology solutions on the cutting edge. Be it the AVIOR series for Pro Audio/Video or the IOGEAR line of consumer friendly Audio/Video and Digital Home products recommended below, IOGEAR is passionate about providing dealers, home installers and end users with technology solutions that enhances and connects the home or commercial environment for a true convergence of technology and lifestyle through connectivity.

Wireless Solutions

GW3DHDKIT
Wireless 3D Digital Kit

- Wireless 3D and HD A/V streaming up to 100ft away through standard home walls
- 2 HDMI inputs / 1 HDMI local / 1 HDMI @ RX
- IR Pass through for remote function at RX

GWU647
Universal 5-Port Wi-Fi N Ethernet Hub

- Add Internet access to 5 Ethernet enabled devices
- Push-button Wi-Fi Protected Setup (WPS)
- Compatible network IEEE 802.11n/g/b

GWU627
Universal Wi-Fi N Adapter

- Add high-speed 802.11n Internet access to any Ethernet enabled device such as a Blu-ray player, DVR, HDTV, game console or media PC
- Wi-Fi N technology improves effective throughput and range over existing 802.11b/g products

GUWIP204
Wireless 4-Port USB Sharing Station

- Wirelessly access and share 4 USB devices through your home or office Wi-Fi network
- Supports Hi-Speed USB 2.0 and backward compatible with USB 1.1
- Share USB devices (Printers, external hard drives, USB speakers, cameras)

GUWAVKIT2
Wireless HD Computer to TV Kit

- Wirelessly transmit audio and video from your PC-to-TV up to 30ft away line-of-sight
- Stream HD video up to 720p
- Simple HDMI or VGA connection delivers superior video and audio quality

Splitters & Extenders

GVS144TX / GVS148TX
4/8-Port VGA CAT5e/6 Audio/Video Splitter

- Split and extend 1 VGA source with audio over 4/8 VGA monitors
- Provides High-Res VGA and 3.5mm (mono) audio port

GVE140RX
VGA CAT5e/6 Audio/Video Receiver

- A/V CAT5e/6 receiver for the GVS144TX / GVS148TX
- Extend audio and video up to 990ft
- Provides professional RGB deskew to fine tune a longer distances

GVE130
VGA CAT5e/6 Extender Kit

- VGA CAT5e/6 Extender Kit up to 500ft
- Supports VGA, SVGA, XGA, SXGA and Multisync monitors
- 16 position adjustable video gain control

GVS72 / GVS74 / GVS78
2/4/8-Port VGA Video Splitter

- 2/4/8 port VGA Video Splitter
- Ultra-High 350MHz Bandwidth for Superior Video quality
- Amplifies video signals increasing transmission distance up to 215ft

GUE2118
USB 2.0 Booster Extension Cable

- Built-in booster chipsets - Amplifies hi-speed USB signals
- Daisy chainable - Three units to support up to 117ft
- USB 2.0 transfer rates up to 480Mbps

GVE320
HD Audio / Video CAT5e/6 Extender

- Extend your HD audio / video signal through two Cat 5e/6 cables
- Keep your DVR / Set-top box, Blu-ray player or computer out of sight and place your HDTV up to 200ft away
- Supports 3D

Keyboards, Adapters & Accessories

GKM681R
2.4GHz Wireless Compact Keyboard with Optical Trackball and Scroll Wheel

- Wireless compact keyboard with optical trackball and scroll wheel
- Wireless range up to 33ft
- 16 multimedia hotkeys for quick access

GKM581R
2.4GHz Wireless On-Lap Keyboard with Optical Trackball and Scroll Wheel

- Ideal for a convenient PC-to-TV experience from the comfort of your couch
- Provides an intuitive way of interaction with game consoles accessibility to multimedia and online content

GKM561R
2.4GHz Multimedia Keyboard with Laser Trackball and Scroll Wheel

- 2.4GHz technology offers greater range up to 33ft away from your computer
- Built-in laser trackball with 400, 800, and 1200 DPI selections
- Built-in left and right mouse buttons with built-in scroll wheel

GKM611B
Multi-Link Bluetooth Keyboard with Touchpad

- Pair with up to 6 Bluetooth enabled devices and quickly switch between each
- Bluetooth 2.0 technology offers up to 30ft range
- Built-in touchpad with convenient left / right mouse buttons

GKM571R
2.4GHz Multimedia Mini Keyboard with Laser Trackball, Scroll Wheel and Backlight LED

- 2.4GHz technology offers greater range up to 33 ft away from your home theater PC / computer
- Brilliant auto-light sensing backlight LED for use in low light and dark rooms

GUC232A
USB to Serial RS-232 Adapter

- USB 1.1 and USB 2.0 compatible
- Works with serial peripheral devices, converts the serial interface to USB connection
- 16” cable length
- LED status light for data transfer monitoring

GHDC1402P / GHDC1403P / GHDC1405P
6.5ft/9.8ft/16.4ft High Speed HDMI Cable with Ethernet

- 6.5ft/9.8ft/16.4ft High Speed HDMI Cable with Ethernet
- High-Speed HDMI cable (10.2Gbps)
- Full HD 1080p, supports 3D and HDCP Compliant

GUC2025H
USB 2.0 External HD A/V Adapter

- Easily connect additional HD monitors using a USB 2.0 cable
- Enjoy resolutions of up to 1600x1200 / 1920x1080 at 32-bit color
- Supports both video and audio signals
- Bus Powered - No external power supply needed

GUC2015V
USB 2.0 External VGA Video Card

- Easily connect additional VGA monitors using a USB 2.0 cable
- Either clone your primary screen, or extend your desktop
- Enjoy resolutions up to 1280x1024 at 32-bit color

Powered by IOGEAR

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